

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Currently Amended) An antenna connection detection system for confirming the connections of two antennae to a radio receiver, comprising:

a receiver having a first antenna connection port and a second antenna connection port;

a first antenna and a second antenna; and

a circuit via which the first and second antennae are in communication with the receiver,

wherein the receiver supplies a signal to the first antenna connection port and detects whether said signal is present at the second antenna connection port, thereby confirming that both the first and second antennae are connected to the radio receiver, and

wherein the circuit comprises a low noise amplifier (LNA) module and the first and second antennae communicate with each other through the LNA module.
2. (Canceled).
3. (Original) The system of claim 1, wherein the first antenna is a satellite broadcast reception antenna and the second antenna is a terrestrial broadcast reception antenna.

4. (Currently Amended) The system of claim 1, wherein the LNA module comprises at least two low noise amplifiers and wherein the first and second antennae are in communication with respective low noise amplifiers.

5. (Original) The system of claim 1, wherein the circuit redirects the signal to the second antenna connection port.

6. (Original) The system of claim 1, further comprising a transistor circuit for detecting a presence of the signal.

7. (Original) The system of claim 6, wherein the transistor circuit is located in the radio receiver.

8. (Original) The system of claim 1, wherein the signal is a voltage signal.

9. (Original) The system of claim 1, further comprising means for indicating whether either the first or the second antenna is disconnected.

10. (Currently Amended) A system for detecting whether two antennae are connected to a receiver, comprising:

a first RF feed from a first antenna;

a second RF feed from a second antenna;
a signal generating source in communication with the first RF feed;
a signal detection circuit in communication with the second RF feed; ~~and~~
a DC pathway that includes the first and second RF feeds and electrically connects the
signal generating source and signal detection circuit; and
a low noise amplifier (LNA) module connected between the first and second antennae
and the first and second RF feeds.

11. (Original) The system of claim 10, wherein the first antenna is one of a satellite
broadcast reception antenna and a terrestrial broadcast reception antenna.

12. (Original) The system of 11, wherein the second antenna is the other of a satellite
broadcast reception antenna and a terrestrial broadcast reception antenna.

13. (Currently Amended) The system of claim 11, wherein the LNA module comprises a
first LNA further comprising a low noise amplifier and a second LNA that are in communication
with the first and second antennae, respectively, and wherein outputs of the first and second
LNA are in communication, respectively, with the first and second antenna feeds.

14. (Original) The system of claim 11, wherein the signal generating source and signal
detection circuit are located in the receiver.

15. (Original) The system of claim 11, wherein the signal detection circuit comprises a transistor.

16. (Original) The system of claim 11, further comprising a voltage regulator.

17. (Original) The system of claim 11, further comprising means for indicating whether either the first or the second antenna is disconnected.

18. (Original) A system for confirming that two antennae are connected to a radio receiver, comprising:

a radio receiver comprising a signal generating source, a first antenna feed connection port, a second antenna feed connection port, and a signal detection circuit;

a low noise amplifier (LNA) module comprising a first LNA and a second LNA, wherein the first LNA is in communication with a first antenna and the second LNA is in communication with a second antenna, and wherein outputs of the first and second LNAs are in communication, respectively, with the first antenna feed connection port and the second antenna feed connection port; and

a signal pathway that passes, at least in part, through the LNA module and electrically connects the signal generating source and the signal detection circuit to each other.

19. (Original) The system of claim 18, wherein the LNA module further comprises a voltage regulator.

20. (Original) The system of claim 18, wherein the signal generating source comprises a source of voltage.

21. (Original) The system of claim 18, wherein the signal detection circuit comprises a transistor circuit.

22. (Original) The system of claim 18, wherein the first antenna is one of a satellite broadcast reception antenna and a terrestrial broadcast reception antenna.

23. (Original) The system of 22, wherein the second antenna is the other of a satellite broadcast reception antenna and a terrestrial broadcast reception antenna.

24. (Original) The system of claim 18, wherein the signal path way comprises a diode.

25. (Currently Amended) A method of detecting antennae connection, comprising the steps of:

supplying a detection signal to a first antenna connection port;

routing said detection signal through a first antenna feed line;

returning said detection signal through a second antenna feed line; ~~and~~
detecting a presence of said detection signal at a second antenna connection port; and
looping back the detection signal in a low noise amplifier (LNA) module.

26. (Canceled)

27. (Currently Amended) The method of claim 25 ~~26~~, wherein the LNA module comprises a first LNA and a second LNA, and wherein outputs of the first and second LNAs are connected, respectively, the first antenna connection port and the second antenna connection port.

28. (Original) The method of claim 25, further comprising utilizing the detection signal as a power source for at least one low noise amplifier (LNA).

29. (Original) The method of claim 25, further comprising generating an indication of whether the detection signal is detected at the second antenna connection port.